

Fig. 1

Fig. 2

```
S877 (SEQ ID NO:2) TGATCCTGGCTCAGAGCGAACGCTGGCGGCATGCTTAACACATGCAAGTCGCACGAACCT 60
S1009 (SEQ ID NO:3) .....
S1019 (SEQ ID NO:4) .....
S1023 (SEQ ID NO:5) .....
P528 (SEQ ID NO:1) .....G....

S877          TTCGGGGTTAGTGGCGGACGGGTGAGTAACGCGTAGGAACCTATCCAGAGGTGGGGGATA 120
S1009          .....
S1019          .....
S1023          .....T.....
P528          .....G.....G.T.....CG.....

S877          ACACCGGGAACTGGTGCTAATACCGCATGATACCTGAGGGTTAAAGGCTTTTGTTCCT 180
S1009          .....
S1019          .....
S1023          ....T.....C.....
P528          ....T.....C.....GCGA..C....

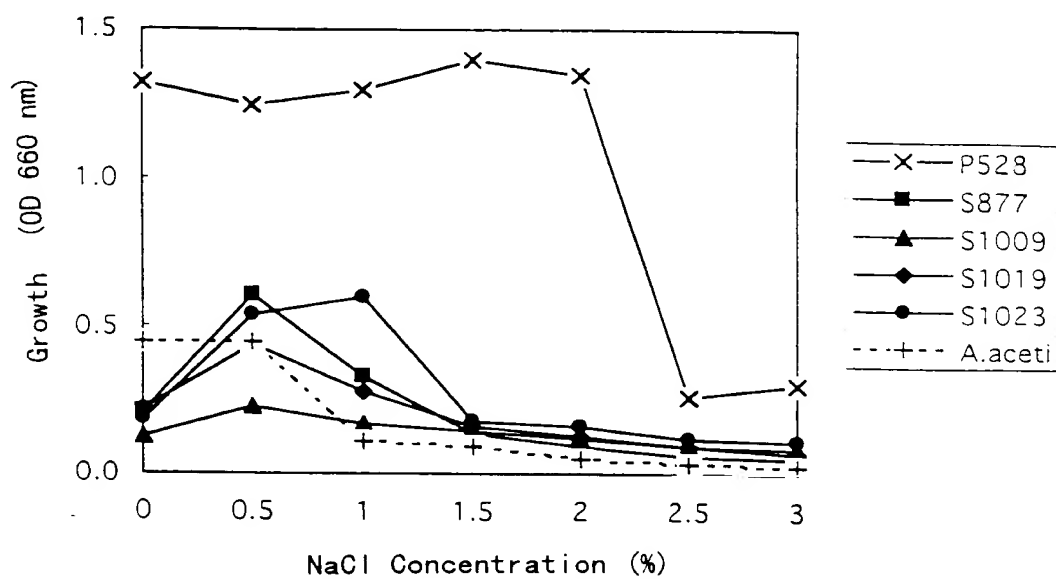
S877          TTGGAGGGGCTGCGTTTGATTAGCTAGTTGGTTGGGTAAAGGCTGACCAAGGCGATGAT 240
S1009          .....
S1019          .....
S1023          .A.....
P528          G.....A.....C.....T.....G.....CT.....

S877          CAATAGCTGGTTTGAGAGGATGATCAGCCACACTGGGACTGAGACACGGCCAGACTCCT 300
S1009          .....
S1019          .....
S1023          .....
P528          .G.....C.....

S877          ACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGGGCAACCCTGATCCAGCAATGCCGC 360
S1009          .....
S1019          .....
S1023          .....
P528          .....C....G.....
```

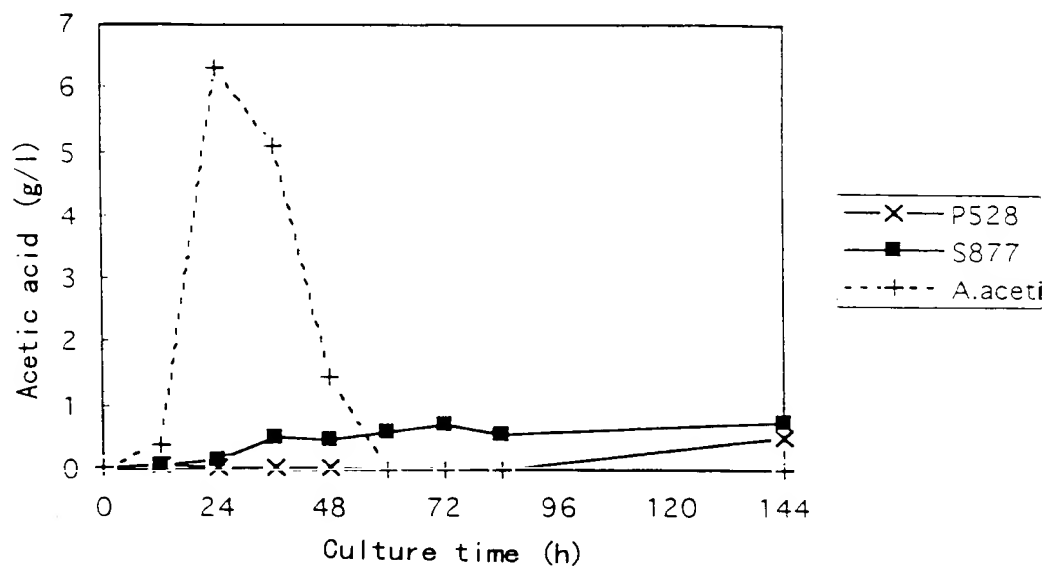
Fig. 3

S877	GTGTGTGAAGAAGGTCTTCGGATTGTAAAGCACTTTCAGTAGGGAAGATGATGACGGTAC	420
S1009	.....
S1019	.....
S1023	.....
P528	.....GACG.....C.....	
S877	CTAGAGAAGAAGCCCCGGCTAACTTCGTGCCAGCAGCCGCGGTAAACGAAGGGGGCTAG	480
S1009	.....
S1019	.....
S1023	.....
P528	.....CGT.....	
S877	CGTTGCTCGGAATGACTGGGCGTAAAGGGCGCGTAGGCGGTTTATACAGTCAGATGTGAA	540
S1009	.....
S1019	.....
S1023	.....
P528	.....T.....GT.....	
S877	ATCCCCGGGCTTAACCTGGGAAGTGCATTTGATACGTATAGACTAGAGTCCGAGAGAGGA	600
S1009	.....
S1019	.....
S1023	.....
P528	...T...A.....T...GG.....GC.....GT.....G	
S877	TTGCGGAATTCCCAGTGTAGAGGTGAAATTCGTAGATATTGGGAAGAACACCAGTTGCGA	660
S1009	.....
S1019	.....
S1023	.....
P528	...T.....G...G.....	
S877	AGGCGGCAATCTGGCTCGGAAGTACGCTGA	691
S1009	.....
S1019	.....
S1023	.....
P528	.....C.....ATG.....	



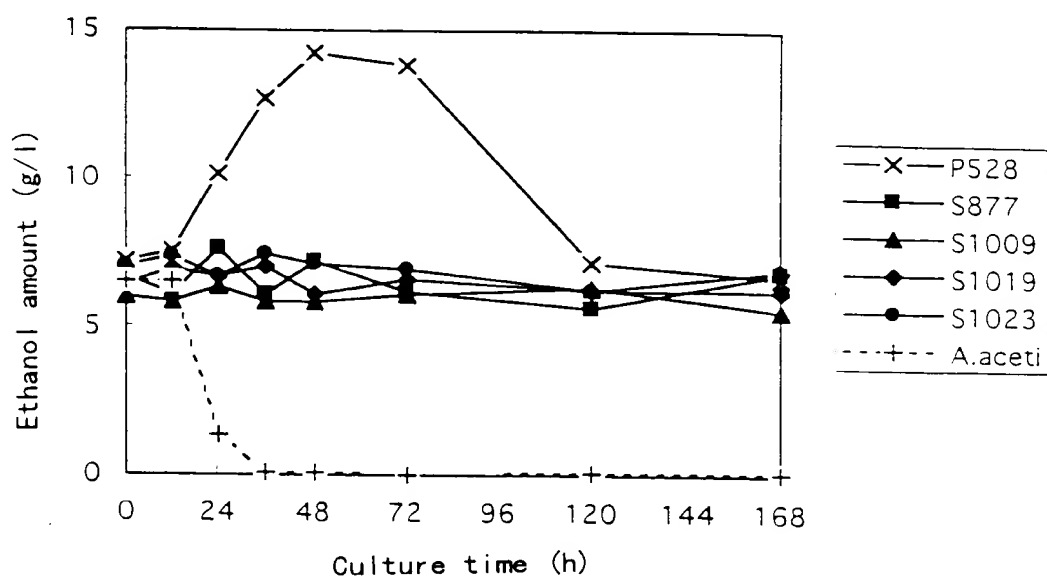
A. aceti: Acetobacter aceti strain NCIB8621

Fig. 4



A. aceti: *Acetobacter aceti* strain NCIB8621

Fig. 5



A. aceti: *Acetobacter aceti* strain NCIB8621

Fig. 6

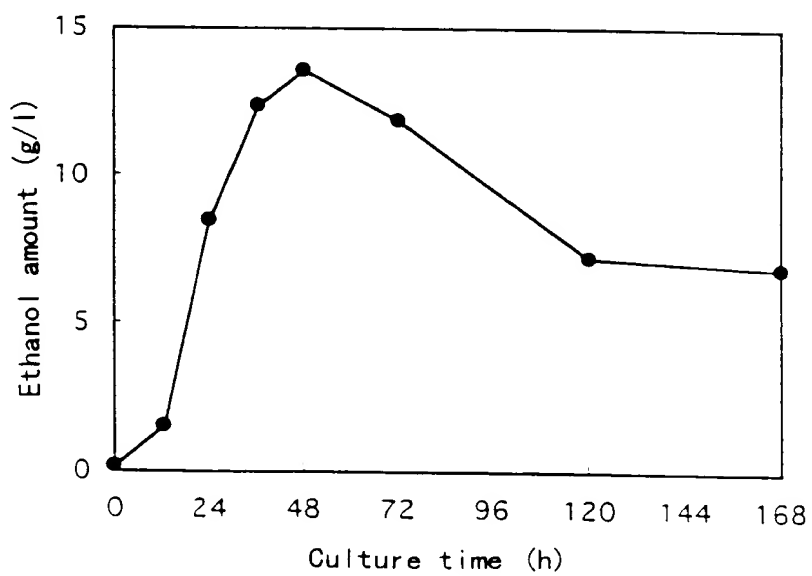


Fig. 7